<u>IN THE CLAIMS</u>

The following is a complete listing of the claims, which replaces all previous versions and listings of the claims.

1-15. (canceled)

16. (currently amended) A method for remotely training persons having a medical diagnostic imaging system, the method comprising:

    providing a collaborative computing environment between a trainee and a remote trainer for a medical diagnostic imaging system, the collaborative computing environment comprising a first computer operated by the trainee and a second computer, wherein providing the collaborative computing environment comprises providing a shared user interface; and

    interactively instructing the trainee via the collaborative computing environment, wherein interactively instructing the trainee includes controlling the first computer via the second computer in an operating system-independent manner, and wherein the collaborative computing environment enables such control by:

        capturing screen data of a display of the first computer;

        transmitting the screen data to the second computer;

        detecting an input event initiated by the remote trainer on the second computer;

        transmitting a signal indicative of the input event from the second computer to the first computer;

        interpreting the signal at the first computer;

caching, at the first computer, image data indicative of at least a portion of an image to be displayed on the display of the first computer, wherein caching image data indicative of at least a portion of the image includes caching image data indicative of only a portion of the image;

transmitting the image data cached at the first computer to a second computer;

caching, at the second computer, the transmitted image data; and

executing a command at the first computer in response to the input event initiated by the remote trainer.

17. (original) The method of claim 16, wherein providing the collaborative computing environment comprises interacting with a UNIX operating system.

18. (canceled)

19. (previously presented) The method of claim 16, wherein controlling the first computer via the second computer enables the second computer to control the medical diagnostic imaging system by controlling the first computer.

20. (previously presented) The method of claim 16, wherein providing the shared user interface comprises providing mutual operability of an application configured for training the trainee.

21. (previously presented) The method of claim 16, wherein providing the shared user interface comprises simulating a graphical user interface for the medical diagnostic imaging system.

22. (original) The method of claim 21, wherein simulating the graphical user interface comprises:

capturing screen data for a display of the medical diagnostic imaging system; and

transmitting the screen data to a remote display of the remote trainer.

23. (original) The method of claim 16, wherein interactively instructing the trainee comprises remotely interacting with an operating system for the medical diagnostic imaging system.

24. (original) The method of claim 23, wherein remotely interacting with the operating system comprises platform-independently interacting with the operating system.

25. (original) The method of claim 16, wherein interactively instructing the trainee comprises remotely initiating events in the medical diagnostic imaging system.

26. (original) The method of claim 16, wherein interactively instructing the trainee comprises remotely responding to operations of the medical diagnostic imaging system.

27. (original) The method of claim 16, wherein interactively instructing the trainee comprises remotely interacting with a plurality of geographically separate trainees via the collaborative computing environment.

28. (previously presented) A method for collaborating between remote computers, the method comprising:

initiating a link between a first and a second remote computer;

sharing a graphical user interface with the first and second remote computers; and

collaboratively interacting with a medical diagnostic imaging system coupled to the first remote computer, wherein the second remote computer interacts with the medical diagnostic imaging system via the first remote computer.

29. (previously presented) The method of claim 28, wherein initiating the link comprises communicating between a plurality of distinct operating systems for the remote computers.

30. (original) The method of claim 28, wherein sharing the graphical user interface comprises providing independent and mutual control of an application associated with the graphical user interface.

31. (previously presented) The method of claim 28, wherein sharing the graphical user interface comprises:

capturing screen data for a first display of the first remote computer; and

transmitting the screen data to a second display of the second remote computer.

32. (original) The method of claim 31, wherein sharing the graphical user interface comprises caching the screen data on a memory assembly.

33. (previously presented) The method of claim 28, wherein collaboratively interacting with the medical diagnostic imaging system comprises collaborating operations with a plurality of persons operating the remote computers.

34. (previously presented) A system for collaboratively interacting between remote computing environments associated with a medical diagnostic imaging system, the system comprising:

a first computer coupled to a medical diagnostic imaging system;

a second computer remotely coupled to the first computer via a network; and

a user interface shared by the first and second computers for collaboratively interacting with the medical diagnostic imaging system, wherein the second computer interacts with the medical diagnostic imaging system by controlling the first computer.

35. (previously presented) The system of claim 34, wherein the user interface comprises a graphical interface operable on one of the first or second computers.

36. (previously presented) The system of claim 35, wherein the graphical interface is simulated on a different one of the first or second computers.

37. (previously presented) The system of claim 36, wherein the first computer comprises an application providing the graphical interface and the second computer comprises a simulation of the graphical interface.

38. (original) The system of claim 37, wherein the simulation comprises screen data corresponding to the graphical interface.

39. (previously presented) The system of claim 37, wherein the user interface facilitates mutual control of the application by both the first and the second computers.

40. (original) The system of claim 37, wherein the user interface facilitates real time shared operability of the medical diagnostic imaging system.

41. (original) The system of claim 40, comprising a safety routine to prevent undesirable operation of the medical diagnostic imaging system.

42. (original) The system of claim 40, comprising a cache memory assembly coupled to the network for caching screen data for the user interface.

43. (new) The method of claim 16, wherein interpreting the signal at the first computer includes defining at least one graphical input device of the screen data of the display of the first computer based on the signal indicative of the input event.

44. (new) The method of claim 43, wherein caching image data indicative of only a portion of the image includes caching the at least one graphical input device.

45. (new) The method of claim 44, wherein caching the at least one graphical input device includes caching only the at least one graphical input device.

46. (new) The method of claim 34, wherein initiating a link between a first and a second remote computer comprises initiating a link between first and second computers having different operating systems.